

10/505472

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stephen D. Gilder, *et al.*

Serial No.: N/A

Filed: Herewith

For: COMBUSTION MODIFIED POLYURETHANE  
FOAM

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Group Art Unit: N/A

Examiner: N/A

Confirmation No.: N/A

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Commissioner for Patents  
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*Edith S. Shek*  
Edith S. Shek

**INFORMATION DISCLOSURE STATEMENT**

Commissioner:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. According to the Office's rules for patent applications filed after June 30, 2003, no paper copies of those U.S. Patent and Published Applications listed on the Form-1449 are enclosed.

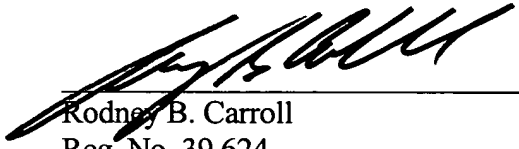
The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an

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action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Respectfully submitted,  
CONLEY ROSE, P.C.

Date: 8.20.04

  
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	N/A <b>10/505472</b>
				Filing Date	Herewith
				First Named Inventor	Stephen D. Gilder
				Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	5	Attorney Docket Number	5-41-56(16B)(4006-04202)

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US 5,830,926	11/03/1998	Smiecinski et al.	
	AB	US 5,665,287	09/09/1997	Fiorentini et al.	
	AC	US 5,639,483	06/17/1997	Fiorentini et al.	
	AD	US 5,629,027	05/13/1997	Fiorentini et al.	
	AE	US 5,620,710	04/15/1997	Fiorentini et al.	
	AF	US 5,578,655	11/26/1996	Fiorentini	
	AG	US 5,569,682	10/29/1996	Walmsley	
	AH	US 5,536,757	07/16/1996	Walmsley	
	AI	US 5,506,278	04/09/1996	Walmsley	
	AJ	US 5,120,771	06/09/1992	Walmsley	
	AK	US 5,086,082	02/04/1992	Stone	
	AL	US 4,892,893	01/09/1990	Grace et al.	
	AM	US 4,849,459	07/18/1989	Grace et al.	
	AN	US 4,826,884	05/02/1989	Grace et al.	
	AO	US 4,810,729	03/07/1989	Davis et al.	
	AP	US 4,757,093	07/12/1988	Ricciardi et al.	
	AQ	US 4,745,133	05/17/1988	Grinbergs et al.	
	AR	US 4,342,854	08/03/1982	Hogan et al.	
	AS	US 4,293,657	10/06/1981	Nissen et al.	
	AT	US 4,143,029	03/06/1979	Matthews et al.	
	AU	US 3,897,372	07/29/1975	Kehr et al.	
	AV	US 3,299,022	01/17/1967	Edwards et al.	
	AW	US RE37,115 E	03/27/2001	Fiorentini et al.	
Examiner Signature				Date Considered	

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		Number-Kind Code <sup>2</sup> (if known)			
	AX	US RE37,075 E	02/27/2001	Fiorentini et al.	
	AY	US RE37,012 E	01/09/2001	Fiorentini et al.	
	AZ	US RE36,358	10/26/1999	Grinbergs et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DE 3113588A1	10/28/1982	Bayer AG		
	BB	EP 0786321A1	07/30/1997	Foaming Technologies		
	BC	EP 0786286A1	07/30/1997	Foaming Technologies		
	BD	EP 0770466A2	05/02/1997	Foaming Technologies		
	BE	EP 0645226A2	03/29/1995	Krypton International		
	BF	WO 98/23429	06/04/1998	Foaming Technologies		

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NON PATENT LITERATURE DOCUMENTS			
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	CA	International Search Report of PCT/US 03/08110; July 16, 2003; 4 pages.	
	CB	PURM2 ethypoly4; <i>Polyols</i> ; <a href="http://209.39.12.11/orgs/bayer/unpro/prm/45poly.htm">http://209.39.12.11/orgs/bayer/unpro/prm/45poly.htm</a> ; Bayer Corporation – Polymers Division; 5/3/2001; 4 pages.	
	CC	Raw Materials Index; <i>Polyurethane Raw Materials Product Index</i> ; <a href="http://209.39.12.11/orgs/bayer/uppro/prm/">http://209.39.12.11/orgs/bayer/uppro/prm/</a> ; Bayer Corporation – Polymers Division; 5/3/2001; 2 pages.	
	CD	Polyurethane Foam Association; <i>Proceedings of the Polyurethane Foam Association Technical Program, Newport RI, October 12, 2000</i> ; <a href="http://www.pfa.org/abstracts/pfa-13.html">http://www.pfa.org/abstracts/pfa-13.html</a> ; 5 pages.	
	CE	Product Information; <i>VORANOL 3137A Polyether Polyol</i> ; Dow Plastics; 04/2001; 2 pages.	
	CF	Urethane Chemicals Technical Bulletins; BASF; October 2000; 1 page.	
	CG	Technical Information; <i>Great Lakes CN-2635 Tetrabromophthalic Anhydride Derivative</i> ; Great Lakes Chemical Corporation; August 2000; 3 pages	
	CH	Preliminary Technical Bulletin; <i>Pluracol® 2130 Slabstock HR Foam Polyol</i> ; BASF; 1 page.	
	CI	Preliminary Technical Bulletin; <i>Pluracol® 2100 Slabstock HR Foam Polyol</i> ; BASF; 1 page.	
	CJ	Technical Bulletin; <i>Pluracol® 1117 Slabstock HR Foam Polyol</i> ; BASF; 1 page.	
	CK	<i>Voranol 3943 Copolymer Polyol</i> ; 1 page.	
	CL	Product Technical Data; <i>ANTIBLAZE 195</i> ; 1 page.	
	CM	<i>BTL Melamine</i> ; BTL SR Toledo, Inc.; 1 page.	
	CN	Urethane Chemicals Technical Bulletin; <i>Pluracol® Polyol C-133</i> ; BASF Wyandotte Corporation; 3 pages.	
	CO	<i>Copolymer Polyol Voranol 3943</i> ; 1 page.	
	CP	Technical Data Sheet; <i>Melamine Crystal</i> ; Melamine Chemicals, Inc.; 03/01/1993; 1 page.	
Examiner Signature			Date Considered

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	CQ	Wujcik, S.E., et al.; <i>Polyurethane Flexible Slabstock Foam Requirements to Meet Furniture Flammability Tests</i> ; 34 <sup>th</sup> Annual Polyurethane Technical/Marketing Conference; October 1992; pp. 672-678	
	CR	Genz, M., et al.; <i>New Flame-Resistant Flexible Foams</i> ; PRI-Urethane Group International Symposium; London; October 1987; 11 pages.	
	CS	Kleiner, G.A., et al.; <i>Recent Advances in High Resilience (HR) Foam Technologies</i> ; Journal of Cellular Plastics; January-February 1984; pp. 49-50.	
	CT	<i>A New Foam for Furniture</i> ; Chemical Week; April 1985; 1 page.	
	CU	<i>Flame Retardancy Gain Seen</i> ; Chemical Marketing Reporter; April 1985; 1 page.	
	CV	<i>Fire Retardant Flexible Urethane Foams Debut</i> ; Chemical & Engineering News; April 1985; 1 page.	
	CW	Camacho, H.; <i>Foams Show Improvement Over Time</i> ; Journal of Commerce; March 1985; 1 page.	
	CX	Taylor, J.D.; <i>RestEasy™ Press Briefing</i> ; Urethane Chemicals Applications and Technical Services of BASF Wyandotte Corporation; New York; March 1985; 9 pages.	
	CY	Oertel, G; <i>Polyurethane Handbook: Chemistry-Raw Materials-Processing-Application-Properties</i> ; Hanser Publishers; Munich; 1985; pp. 18, 74-76, 102-103, 115, 181-183, 186, 191, 196-197, 204-205, 223, 232-233, 622-623	
	CZ	Woods, G; <i>Flexible Polyurethane Foams: Chemistry and Technology</i> ; Applied Science Publishers; London, England; 1982; pp. 84-92, 122-124, 1 unnumbered page, 139.	
	DA	Technical Bulletin – Chemicals and Plastics; <i>A Comparison Between Highly Resilient and Conventional Slabstock Foam</i> ; Union Carbide Europe S.A.; 1980; 3 pages.	
	DB	Buist, J.M.; <i>Developments in Polyurethane – 1</i> ; Applied Science Publishers Ltd.; London, England; 1978; pp. 187	

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	DC	Kollmeier, H.J., et al.; <i>New Crosslinkers in the Development of High Resilience Polyurethane Foams</i> ; 19 <sup>th</sup> Annual Conference The Cellular Plastics Division; November 1976; pp. 82-87.	
	DD	Patten, W., et al.; <i>Polymer-Polyols in the Development of High Resiliency Foams</i> ; Journal of Cellular Plastics; November/December 1974; pp. 276-277, 282.	
	DE	Hogan, J.M., et al.; <i>Humidity Characteristics of HR and Hot Urethane Foams</i> ; Journal of Cellular Plastics; September/October 1973; pp. 219-220.	
	DF	Patten, W., et al.; <i>Highly Resilient, Cold Molded Urethane Flexible Foam</i> ; Journal of Cellular Plastics; May/June 1972; pp. 134-136.	
	DG	Technical Leaflet; <i>Melamine</i> ; BASF, Germany; April 1970; 4 pages.	

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